



18304 US PTO

As modified by Blakely, Sokoloff, Taylor &amp; Zafman LLP

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

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15364 U.S. PTO  
10/829527

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**UTILITY PATENT APPLICATION TRANSMITTAL**  
(Only for new nonprovisional applications under 37 CFR 1.53(b))Attorney Docket No. 1207.P004XC6  
(maximum 12 characters)First Named Inventor Benjamin S. TingTitle: ARCHITECTURE AND INTERCONNECT SCHEME FOR PROGRAMMABLE LOGIC CIRCUITSExpress Mail Label No. EV409358900USADDRESS TO: **Commissioner for Patents**  
PO Box 1450  
Alexandria, Virginia 22313-1450**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  **Fee Transmittal Form (e.g., PTO/SB/17)**  
(Submit an original and a duplicate for fee processing)
2.  **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3.  **Specification (Total Pages 58)**  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table,  
or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  **Drawings(s) (35 USC 113) (Total Sheets 20)**
5.  **Oath or Declaration (Total Pages 2)**
  - a.  Newly Executed (Original or Copy)
  - b.  Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 18 completed)
    - i.  **DELETIONS OF INVENTOR(S)** Signed statement attached deleting  
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)  
and 1.33(b).
    - c.  Unsigned.
6.  **Application Data Sheet. (37 CFR 1.76)**
7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8.  **Nucleotide and/or Amino Acid Sequence Submission**  
(if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b.  Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  **Assignment Papers (cover sheet & documents(s))**

10.  a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)

b. Power of Attorney

11.  English Translation Document (if applicable)

12.  a. Information Disclosure Statement (IDS)/PTO-1449

b. Copies of IDS Citations

13.  **Preliminary Amendment**

14.  **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**

15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)

16.  **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**

17A.  Other: Certificate of Express Mail with copy of postcard showing contents of Express Mail package.

17B.  Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet Under 37 C.F.R. 1.76:

**Continuation**      **Divisional**      **Continuation-in-part (CIP)**  
Of Prior Application No.: 10/428,724      Examiner Tan, Vibol      Group Art Unit 2819  
(which is a continuation of prior application no. 10/117,875, U.S. Patent No. 6,597,196,  
which is a continuation of prior application no. 09/482,149, U.S. Patent No. 6,462,578,  
which is a continuation of prior application no. 08/909,928, U.S. Patent No. 6,051,991,  
which is a continuation of prior application no. 08/534,500,  
which is a continuation of application no. 08/229,923,  
which is a continuation-in-part of prior application no. 08/101,197, U.S. Patent No. 5,457,410.)  
Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.  
For **CONTINUATION AND DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. Correspondence Address  
Customer Number or Bar Code Label      (Insert Customer No. or Attach Bar Code Label  
here)  
 Correspondence Address Below  
NAME Daniel E. Ovanezian  
ADDRESS BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Boulevard  
Seventh Floor  
CITY Los Angeles      STATE California      ZIP CODE 90025-1026  
Country U.S.A.      TELEPHONE (408) 720-8300      FAX (408) 720-8383

Name (PRINT/TYPE): Daniel E. Ovanezian      Registration No.: 41,236  
Signature: Daniel E. Ovanezian      Date: 4/21/04

# FEE TRANSMITTAL FOR FY 2004

(FY 2004 Begins 10/01/2003)

**TOTAL AMOUNT OF PAYMENT (\$)** **\$770.00**

Complete if Known:

Application No. Not yet assigned

Filing Date Herewith

First Named Inventor Benjamin S. Ting

Examiner Name Not yet assigned

Art Unit Not yet assigned

Attorney Docket No. 1207.P004XC6

Applicant claims small entity status. See 37 CFR 1.27.

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  Other  None

Deposit Account

Deposit Account Number : 02-2666

Deposit Account Name: \_\_\_\_\_

The Director is Authorized to do the following with respect to the above-identified Deposit Account:

Charge fee(s) indicated below.

Credit any overpayments.

Charge any additional fees during the pendency of this application.

Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.

Charge fee(s) indicated below except for the filing fee.

## FEE CALCULATION

### 1. BASIC FILING FEE

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee	Fee	Fee
Code	(\$)	Code	(\$)
1001	770	2001	385
1002	340	2002	170
1003	530	2003	265
1004	770	2004	385
1005	160	2005	80
<b>SUBTOTAL (1)</b> <u><b>\$ 770.00</b></u>			

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fee Paid</u>
Total Claims <u>19</u>	<u>- 20** = 0</u>	<u>X</u>	<u>=</u>
Independent Claims <u>2</u>	<u>- 3** = 0</u>	<u>X</u>	<u>=</u>
Multiple Dependent			

\*\*Or number previously paid, if greater; For Reissues, see below.

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>
Fee	Fee	Fee
Code	(\$)	Code
1202	18	2202 9
1201	86	2201 43
1203	290	2203 145
1204	86	2204 43
1205	18	2205 9
<b>SUBTOTAL (2)</b> <u><b>\$</b></u>		

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

<u>Large Entity</u>		<u>Small Entity</u>			
Fee	Fee	Fee	Fee	<u>Fee Description</u>	<u>Fee Paid</u>
Code	(\$)	Code	(\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	_____
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	_____
1053	130	1053	130	Non-English specification	_____
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	_____
1813	8,800	1813	8,800	Request for inter parties reexamination	_____
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	_____
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	_____
1251	110	2251	55	Extension for reply within first month	_____
1252	420	2252	210	Extension for reply within second month	_____
1253	950	2253	475	Extension for reply within third month	_____
1254	1,480	2254	740	Extension for reply within fourth month	_____
1255	2,010	2255	1,005	Extension for reply within fifth month	_____
1401	330	2401	165	Notice of Appeal	_____
1402	330	2402	165	Filing a brief in support of an appeal	_____
1403	290	2403	145	Request for oral hearing	_____
1451	1,510	1451	1,510	Petition to institute a public use proceeding	_____
1452	110	2452	55	Petition to revive – unavoidable	_____
1453	1,330	2453	665	Petition to revive - unintentional	_____
1501	1,330	2501	665	Utility issue fee (or reissue)	_____
1502	480	2502	240	Design issue fee	_____
1503	640	2503	320	Plant issue fee	_____
1460	130	1460	130	Petitions to the Commissioner	_____
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	_____
1806	180	1806	180	Submission of Information Disclosure Stmt	_____
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	_____
1809	770	2809	385	For filing a submission after final rejection (see 37 CFR 1.129(a))	_____
1814	110	2814	55	Statutory Disclaimer	_____
1810	770	2810	385	For each additional invention to be examined (see 37 CFR 1.129(b))	_____
1801	770	2801	385	Request for Continued Examination (RCE)	_____
1802	900	1802	900	Request for expedited examination of a design application	_____
1504	300	1504	300	Publication fee for early, voluntary, or normal pub.	_____
1505	300	1505	300	Publication fee for republication	_____
1803	130	1803	130	Request for voluntary publication or republication	_____
1808	130	1808	130	Processing fee under 37 CFR 1.17(i) (except provisionals)	_____
1454	1,330	1454	1,330	Acceptance of unintentionally delayed claim for priority	_____

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) \$ \_\_\_\_\_**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**Typed or Printed Name: Daniel E. OvanezianSignature: Daniel E. Ovanezian Date: 4/21/04Reg. Number: 41,236 Telephone Number: (408) 720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Attorney's Docket No. 1207.P004XC6

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Patent Application of:  
Benjamin S. Ting  
Application No.: Not yet assigned  
Filed: Herewith  
For: ARCHITECTURE AND  
INTERCONNECT SCHEME FOR  
PROGRAMMABLE LOGIC  
CIRCUITS

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a Continuation of

Application No.: 10/428,724

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Filed: May 1, 2003

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Examiner: Not yet assigned

Art Unit: Not yet assigned

Application No.: Not yet assigned

Filed: Herewith

# For: ARCHITECTURE AND INTERCONNECT SCHEME FOR PROGRAMMABLE LOGIC CIRCUITS

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## a Continuation of

Application No.: 10/428,724

Filed: May 1, 2003

Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

## **SUBMISSION OF FORMAL DRAWINGS**

Enclosed herewith for submission in the United States patent application  
referenced above are twenty-two (22) sheets of formal drawings.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 4/21, 2004

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Registration No. 41.236

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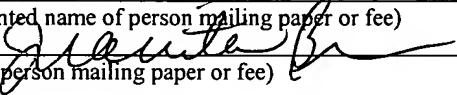
"Express Mail" mailing label number: EV409358900US

Date of Deposit: 4/21/04

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450

JUANITA BRISCOE

(Typed or printed name of person mailing paper or fee)

  
(Signature of person mailing paper or fee)

4/21/04

(Date signed)